

Notice of Allowability

Application No.

09/127,167

Examiner

Li B. Zhen

Applicant(s)

BURDEAU, STEPHEN A.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to response filed 9/03/2004 and interview on 11/17/2004.
2. ☒ The allowed claim(s) is/are 1-8,10 and 11 renumbered as claims 1-10.
3. ☒ The drawings filed on 13 November 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 11/17/04.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ms. Lise A. Rode on November 17, 2004.

The application has been amended as follows:

- a. Cancel claim 9;
- b. Claim 10, line 1, replace "recited in claim 9" --recited in claim 8--; and
- c. Replace claims 1, 5 and 8 with the following:

1. In a clustered computing environment of a type comprising a plurality of nodes wherein each node implements its own administrative operations, a method for enabling a distributed network application that requires centralized administration via a defined master node to execute on each of the nodes of the cluster, said method comprising:

receiving an administrative request from the clustered computing environment at an originating node thereof;

determining for each received administrative request whether the originating node is a designated master node for the distributed network application; and

routing the administrative request from the originating node to the designated master node if the originating node is not the designated master node.

5. A server program embodied on a computer-readable medium for use in a clustered computing environment of a type comprising a plurality of nodes wherein each node implements its own administrative operations, the server program comprising program code for enabling a distributed network application that requires centralized administration via a defined master node to execute on each of the nodes of the cluster, the program code of said server program, when executed on each node of the cluster, causing any of said nodes to perform the following steps:

receiving an administrative request from the clustered computing environment at that node, that node defining an originating node;

determining for each received administrative request whether the originating node is a designated master node for the distributed network application; and

routing the administrative request from the originating node to the designated master node if the originating node is not the designated master node.

8. In a clustered computing environment comprising a plurality of nodes over which a distributed network application executes, wherein the clustered computing environment is of a type wherein each node implements its own administrative operations, and the distributed network application requires centralized administration via a designated master node, the improvement comprising: a server program executing on each node that intercepts administrative requests from the clustered computing environment at that node, determines for each intercepted administrative request

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whether the originating node is the designated master node for the distributed network application, and that routes the administrative requests from the originating node to the designated master node if the originating node is not the designated master node.

Conclusion


2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Li B. Zhen whose telephone number is (571) 272-3768. The examiner can normally be reached on Mon - Fri, 8:30am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Art Unit 2126

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